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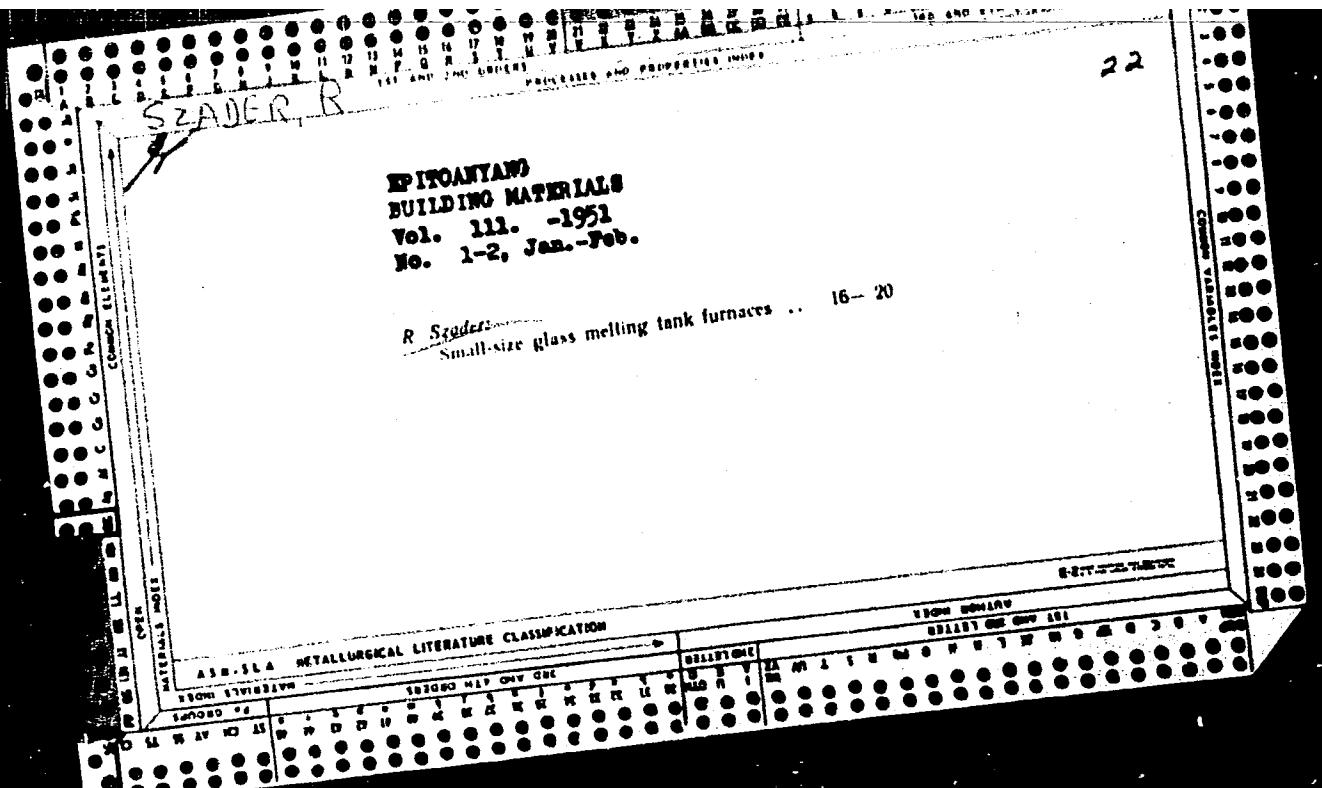
"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001654410001-9

REEL  
560  
SZADER, R.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001654410001-9"



SZADER, R.

Instrumentation and automatization of glass ovens. p. 412.

EPITOANYAG. (Epitoanyagipari Tudomanyos Egyesulet), Budapest, Hungary, Vol. 11,  
no. 11, Nov. 1959.

Monthly List of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960.

Ugcl.

SZADER, Rudolf

Increasing the development in glass melting. Epitoanyag 16  
no.10:371-378 0 '64.

1. National Glass Industry Enterprise, Budapest.

SZADER, Rudolf

The Croghaza Glass Factory, the giant factory of the glass industry.  
Musz elet 19 no.22:12 22 0 '64.

SZADKOWSKI, Andrzej; DĘKTYNSKI, Paweł

Complications of cholelithiasis. Pol. tyg. lek. 20 no.31:  
1162-1164 2 Ag '65.

I, Z Oddzialu Chirurgicznego Szpitala im. L. Pasteura w Łodzi  
(Ordynator: dr. med. Jozef Balkiewicz).

SZADKOWSKA, D.

SADKOWSKA, D.

Vital capacity of lungs in relation to anatomo-pathological changes in pulmonary tuberculosis and during conservative therapy, streptomycin and collapsotherapy. Przegl. leg., Krakow 8 no.1:21-27 1952. (CIML 22:2)

1. Of the Second Clinic of Internal Diseases (Head--Prof. Tadeusz Tempka, M. D.) of Krakow Medical Academy.

POLAND / Chemical Technology. Chemical Products and  
Their Application. Water Treatment. Sewage. H

Abs Jour: Ref Zhur-Khimiya, No 12, 1959, 42786.

Author : Szadkowski J.

Inst : Not given.

Title : Use of Evaporators in Place of Water Softening  
Equipment.

Orig Pub: Gaz. cukrown, 1957, 59, No 10, 267-268.

Abstract: Described is the diagram of an evaporation process  
involving the utilization of exhaust steam from  
turbines of a power plant. -- O. Lenchevskiy.

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SZADKOWSKI, J.; JARZECKI, S.

The D.d.S. diffusion system. p. 170

GAZETA CUKROWNICZA (Stowarzyszenie Naukowo-Techniczne Inżynierów i Techników  
Przemysłu Rolnego i Spożywczego i Centralny Zarząd Przemysłu Cukrowniczego)  
Warszawa, Poland. Vol. 61, no. 6, June 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, September 1959  
Unci.

*SZADKOWSKI*

PHASE I BOOK EXPLOITATION POL/4460

Polska akademia nauk. Instytut podstawowych problemów techniki

Zagadnienia drgań nieliniowych, 1 (Problems of Nonlinear Vibrations, Vol. 1)  
Warsaw, Państwowe wyd-wo naukowe, 1960. 136 p. 650 copies printed.

Ed.: Stefan Ziembra; Deputy Ed.: Janisław Skowroński.

PURPOSE: This book is intended for scientists and engineers interested in theoretical and experimental research on vibrations.

COVERAGE: The collection contains 10 articles on the theory and measurement of nonlinear vibrations of structural systems. The basic problem is the nonlinear character of the dependence of the acting forces on the strains or the velocity of motion of particular elements of the investigated structural system. This nonlinearity is to be taken into consideration in calculating electrical and automation systems. The mathematical procedures of the investigation of motion in the calculation of the nonlinearity of systems with a finite number of degrees of freedom are based on the theory of dynamic systems generalized according to the work of Birkhoff and other classic studies. The combination of the purely

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## Problems of Nonlinear Vibrations, Vol. 1

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technical problems of vibration theory with the theory of dynamic systems has contributed to the rapid development of nonlinear vibration theory during the last decade. The main research activities in this field have been based on the development of adequate mathematical centers like the school of V.V. Nemytskiy and Krasnosel'skiy in the USSR. In Poland, the mathematical school of T. Ważewski is working in this field with very promising results. For several years a group of workers of the ZBD IPPT PAN (Zakład Badań Orgań Instytut Podstawowych Problemów Techniki Polskiej Akademii Nauk (Department of Vibrations Study, Institute of Basic Technical Problems of the Polish Academy of Sciences) has conducted studies on two sets of problems: 1) the qualitative analysis and synthesis of the motion of mechanical systems of several degrees of freedom; and 2) the quantitative analysis of the motion of such systems by asymptotic methods. The papers of this collection are concerned chiefly with the first set. References and summaries in Russian and English are given at the end of each article.

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Problems of Nonlinear Vibrations, Vol. 1

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Bogusz, W. (Krakow), On Certain Dynamic Systems	23
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Card 3/4

SZADKOWSKI, Jerzy (Warszawa)

Boundedness of motion of autonomous systems. Zagad drgan  
nielin 3 31-41 '62.

KUBICKI, Edward; SZADOWSKI, Jerzy; WOJTKIEWICZ, Wincentry

Influence of the size of grains and other factors on the condensation rate of cyanuric chloride with arylamines.  
Chemia stosow 7 no.3:415-440 '63.

1. Katedra Technologii Barwnikow, Politechnika, Lodz, i  
Instytut Przemyslu Organicznego, Laboratorium, przy Politechnice,  
Lodz.

P/519/62/000/004/005/008  
E202/E492

AUTHOR: Szadkowski, Jerzy (Warsaw)  
TITLE: About the bounded sets of dynamical systems  
SOURCE: Polska Akademia Nauk. Instytut Podstawowych  
Problemów Techniki. Zagadnienia organ nieliniowych,  
no.4. 1962. 113-148

TEXT: The author considers a dynamic system  $f(p,t)$  described by a system of differential equations of the first order

$$\frac{dp}{dt} = X(p) \quad (1)$$

where  $p$  and  $X$  are single column real matrices. General conditions of Eq.(1) necessary to fulfill the above dynamical system are formulated. The work deals particularly with the problem of the bounded regions, the latter being defined by S. Ziembra and the present author (Boundedness of Motion and Existence and Stability of Limit Regime in Strongly Nonlinear, Non-autonomous Vibrating Lumped Systems, Proc. Intern. Congr. of IFAC, Moscow 1960). Two main problems are considered viz:

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E202/E492

About the bounded sets ...

a) the existence of the bounded region of a dynamical system defined by Eq.(1); b) the structure of the limiting region. The study is limited to a class of dynamic sets without reference to their quantitative analysis. Also the shape of the regions and their position within the space,  $E_n$  is excluded from consideration which is limited entirely to a case when  $X(0) = 0$  and  $(0, \dots, 0)$  is a unique and isolated characteristic point of a set of Eq.(1). The criterion of existence of the above set is obtained by transforming Newton's system of the second order equations

$$\frac{d^2x_i}{dt^2} + F_i(x_1, \dots, x_n, \dot{x}_1, \dots, \dot{x}_n) = 0$$

Furthermore, criterion of boundedness and criterion of terminal boundedness of the above system is derived from the above solutions. The behavior of trajectories in finite neighborhood of singular point and in sufficiently large distances from it is given in terms of the conditions defined by the above criterion of existence. A series of formal proofs, lemmas, corollaries

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P/519/62/000/004/005/008  
E202/E492

About the bounded sets ...

and dynamical models are included. The paper is concluded by investigating the structure of the limiting sets showing that they exhibit the presence of periodic motions. These and similar findings led to the formulation of equations on the geometric structure of minimal sets composed of almost periodic motions and belonging also to the bounded sets. Numerous physical interpretations of the theory are included. There are 2 figures.

ASSOCIATION: Zakład Badania Organów IPPT, Polska Akademia Nauk  
(Institute of Oscillation Studies IPPT, Polish AS)

SUBMITTED: September 4, 1961

Card 3/3

WOJTKIEWICZ, Wincenty; SZADOWSKI, Jerzy

Preparation and properties of 2-methyl-1-naphthylamin-7-sulfo acid. Chemia Lodz no. 13: 59-66 '63.

1. Katedra Technologii Barwnikow, Politechnika, Lodz.

LESZCZYNSKI, Kazimierz, mgr inz.; UJEK, Stanislaw, inz.; WASYLEWICZ,  
Adam; WALIGORSKI, Edward, inz.; SZADKOWSKI, Kazimierz, mgr inz.

Asphalt cooling by spraying with water. Gosp paliw 11  
Special issue no.(95):11-12 Ja '63.

1. Rafineria Nafty, Czechowice.

SZADKOWSKI, K.

187. Optimal working conditions of packed rectifying column  
K. Szadkowski, *Nafta (K.owal)*, 1953, 9, 273-5, 297-300  
Using binary mixtures of C<sub>4</sub>H<sub>8</sub> with either dichloroethane or carbon-tetrachloride, rectification has been carried out in an adiabatic column 1100 mm long, 284 mm I.D. filled with Raschig rings. The kettle—2 l. I.B. flask—was heated electrically. Experiment was carried out with total and partial return of bottoms (residues) to the kettle. First of all it has been established that Raschig rings are quite adequate for their job. Condition, which was then varied, was the rate of evaporation. Variation of liq retention in column then followed automatically.

Best rectification was obtained when the whole length of the column filled with Raschig rings was full of emulsified liq. Very extensive observations were made of behaviour of the liq phase inside the column. As the evaporation rate rises, frothing appears and later occupies more of the column. At 42 cm<sup>3</sup>/minute  $\frac{1}{3}$  of its length filled with emulsified liq and number of equivalent theoretical plates rose by 24%. On repacking (emptying the column and refilling with the same rings), number of E.T.P. rose by 68% when evap rate reached over 37 cm<sup>3</sup>/minute, and another change in the packing arrangement more than doubled the E.T.P. number at 38 cm<sup>3</sup>/minute. At such critical point (which is preceded by a fall in number of E.T.P.) the pressure differential between top and bottom leaps fourfold, and time of retention of liq in the column rises fivefold. There appears to be an equilibrated mode of operation when the column is full of froth and number of E.T.P. is nearly 2.5 times higher than without frothing. In industrial design some consideration must be given to offtakes at various heights. M. S.

SZADKOWSKI, K.

1036. Gas absorption mechanism in passage through a bubbler.  
K. Szadkowski. Nafta (Krakow), 1934, 10, 262-4.—The results of these investigations show that the larger the bubble the more slowly it rises. Frequently the average is ca 24 cm/sec., the theoretical value is

$$v = \sqrt{\frac{4 \times d \times g \times \Delta \rho_{L-g}}{3 \times \eta \times \rho_L} \times \sqrt{1 - e^{-\frac{3 \times \eta \times \rho_L}{S \times d \times \rho_g \times h}}}}$$

Coeff of absorption  $K = 6.95g^{1.057} \times v^{1.26} \times H^{-0.8}$ . It depends on internal movement of material in the bubble  $v^2$  and  $v^1.26$  shows that the absorption is increased

It should be noted that  $v_1$  and  $v_2$  are the average velocity of the bubble's rise to the surface of gas already dissolved in liquid and this is affected by stirring of liquid by rising bubbles. (From J. Appl. Chem. U.S.S.R., 1956, 23, 575.) M. S.

channels, starting with pure naphtha, then benzene, toluene, xylene, and rubber. More recently requirements of distillate have increased. In spite of larger and more varied demands for petroleum products, crude still finds market residues, which are burned. 35 years ago the figure was 52%. It is now 10%.

Crude residue that must be de-asphalted and cracked in the refineries to yield the residual answer is sent to the

refineries to yield the residual answer is sent to the

POLAND / Chemical Technology. Chemical Products and Their  
Application. (Part 1) Conditioning of Water. Waste Water.

H

Abs Jour : Rof Zhur - Khimiya, No 10, 1959, No. 35368

Author : Szadkowski, Kasimierz

Inst : Not given

Title : Methods of Continuous Purification of Waste Water of Oil  
Refineries

Orig Pub : Wiadom. naft., 1958, 4, No 10, 225-227

Abstract : The methods of coagulation and clarification applied at  
the present time in the USA and in Europe are described.  
Diagrams of installations are given. -- M. Lapshin

Card 1/1

H-14

SZADKOWSKI, K.

An installation for the continuous oxidation of asphalts. p. 234

WIADOMSKI NAFTOWE. (Stowarzyszenie Naukowo-Techniczne Inżynierów i  
Techników Przemysłu Naftowego i Związku Zawodowego Gorników Naftowców)  
Krosno, Poland, Vol. 5, no. 10, Oct. 1959

Monthly list of East European Accessions (EEAI) LG, Vol.<sup>9</sup>, no. 2, Feb. 1960

Uncl.

SZADKOWSKI, K.

The petroleum chemistry in Poland and abroad. p. 99.

CHEMIK. (Ministerstwo Przemyslu Chemicznego i Stowarzyszenie Naukowe-Techniczne Inżynierów i Techników Przemysłu Chemicznego) Warszawa, Poland Vol. 12, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959.

Uncl.

SZIDKOWSKI, K.

Complex automation in petroleum refineries. p.357

CHEMIK (Ministerstwo Przemysłu Chemicznego i Stowarzyszenie Naukowe-  
Techników Przemysłu Chemicznego)  
Warszawa, Poland  
Vol. 12, no. 9, Sept. 1959

Monthly list of East European Accession (EEAI) LC, vol. 9, no. 1, Jan. 1960

Uncl.

SZADKOWSKI, Kazimierz

The technology of paraffin production in modern refineries. (To be contd.)  
Wiad naft 6 no.1:13-15 '60. (ERAI 9:6)  
(Paraffins)

SZADKOWSKI, Kazimierz

The technology of paraffin production in modern refineries.  
(Conclusion). Wiad naft 6 no.2:30-32 F '60. (EEAI 9:10)  
(Paraffins)

S/081/62/000/002/087/107  
B157/B110

AUTHOR: Szadkowski, Kazimierz

TITLE: The removal of paraffin lubricating oils by means of solvents

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1962, 492, abstract  
2M261 (Wiadom naft, v. 6, no. 3, 1960, 60 - 63)

TEXT: The technological principles are described of a process for separating paraffin using acetone, methyl ethyl ketone, ethylene dichloride and other solvents, obtaining thereby paraffin of commercial grade. [Abstracter's note: Complete translation.] 

Card 1/1

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001654410001-9

SZADKOWSKI, Kazimierz

The oxidation of asphalt. Wiad naft 6 no.7/8:159-161 Jl-Ag '60.  
(EEAI 9:11)  
(Asphalt)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001654410001-9"

SZADKOWSKI, Kazimierz

Attempts at desulfurization of petroleum coke. Wiad naft 7 no.2:  
31-34 F '61. (EEAI 10:5)  
(Petroleum coke) (Desulfurization)

SZADKOWSKI, K.

A new refinery in Godorf in the German Federal Republic. *Wiad naft 7*  
no. 5:97-99 My '61. (EEAI 10:9)

Petroleum)

SZADKOWSKI, Kazimierz

Composition of the basic fractional oil for compounding engine  
oils. Wiad naftowe 8 no.2:34-39 F '62.

SZADKOWSKI, Kazimierz

The occurrence of vanadium in petroleum and its effects.  
Wiad naft 8 no.3:55-56 Mr '62.

SZADKOWSKI, Kazimierz

Comparison of paraffin refining methods. Wiad naft 8  
no.4:82-83 Ap '62.

SZADKOWSKI, Kazimierz

Adsorption refining in the production of residue oils.  
Wiad naft 8 no.12:261-283 D '62.

SZADKOWSKI, Kazimierz

Industrial testing of contactors with rotating discs. Wiad  
naft 8 no.12:283-285 D '62.

SZADKOWSKI, Kazimierz

New ways and installations in the field of sewage water  
purification. Wiad naft 9 no.1:7-9 Ja '63.

SZADKOWSKI, Kazimierz

Problem of obtaining distillates for the production of engine  
oils. Wiad naft technol 165-168 Jl-Ag '63.

SZADKOWSKI, Kazimierz

Nitrogen bases from petroleum as corrosion inhibitor. Wlad  
naft 9 no.12:275-277 D'63.

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001654410001-9

SZADKOWSKI, Kazimierz

Desalting petroleum by countercurrent extraction. Wiad naft 11  
[i.e.9] no.2:31-33 F '63.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001654410001-9"

SZADKOWSKI, Kazimierz.

Thermocatalytical mazut processing. Wiad naft 10 no.3t71-75  
Mr'64.

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001654410001-9

SZADKOWSKI, K.

Scheme of crude oil processing in the Ruhrchemie Refining  
Works in Oberhausen. Wiad naft 10 no.12:268-273 D '64.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001654410001-9"

WROBELSKI, R.

The new DEA petroleum refinery in Scholven near Karlsruhe  
in the German Federal Republic. Wiad naft 10 no. 5110-112  
Maj '64.

CZECHOSLOVAKIA / POLAND

URBANEK, B.; GNAT, T.; JANCZARSKI, J.; MAZUR, A.; SZADKOWSKI, S.  
Research Division of the State Sanatorium for Nervous Diseases,  
Warsaw. [Original version not given].

"Some Pharmacological Properties of Thiolic and Disulfur (-S-S-) Analogues of Acetylcholine."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, pp  
426 - 428

Abstract: The role of acetylcholine in the CNS is discussed. In experiments on cats the pharmacological properties of thioglycolcholine (HSCh) and of dithiodiglycolcholine (ChSSCh) were investigated. Their influence on blood pressure was weaker than that of acetylcholine. Amounts of 10 gamma/kg of the compounds caused a strong excitation of respiratory activity, and 1 mg/kg caused a brief apnea. In experiments with isolated frog heart amounts of 0.01 to 1 gamma/ml caused a decrease in the amplitude of heart contraction and bradycardia. 10-1000 gamma/ml caused the cardiac arrest. The role of the 2 compounds in nervous transmission is discussed. 3 Figures, 5 Western references. Submitted at the 8th Annual Psycho-pharmacological Meeting at Jesenik, 18 - 22 Jan 66. Article is in English.

SZADKOWSKI, Zbigniew, mgr inz.

New products of the Elester Electric Apparatus Works. Wiad  
elektrotechn 31 no. 5:107-108 My '63.

SZADON 13.

KOSA, Arpad, dr.; ROKA, Gyula, dr.; SZADON, Bela, dr.

Cases of calcification of annulus fibrosus. Orv. hetil. 95 no.39:  
1077-1079 26 Sept 54.

1. A Debreceni Orvostudomanyi Egyetem II. sz. Belklinikajának  
(Igazgató: Petrányi Gyula dr. egyet. tanár), Röntgen Laboratoriumának  
(vezető: Roka Gyula dr.) Igazságügyi Orvostani Intézeténél (igazgató:  
Okros Sándor dr. egyet. tanár) és a Hajdú-Bihar Megyei Tanács  
Rendelointezste Röntgenlaboratoriumának (főorvos: Imre Gábor dr)  
közleménye.

(CALCIFICATION  
annulus fibrosus cordis)  
(HEART  
annulus fibrosus calcification)

SOBIS, Halina; SZADOWSKA, Anna

Effect of penicillin, streptomycin and sulfathiazole on pulmonary changes in mice infected with influenza viruses. Med. dosw. mikrob 10 no.3:357-366 1958.

l. Z Zakladu Anatomii Patologicznej A. M. w Lodzi Kierownik: prof. dr med. A. Pruszcynski z Oddzialu Wewnetrznego Szpitala im. dr Rydgiera w Lodzi Ordynator: dr med. J. Hajman z Zakladu Formakologii A. M. w Lodzi Kierownik: prof. dr med. E. Leyko.

(INFLUENZA, exper.

eff. of penicillin, streptomycin & sulfathiazole on pulm. changes in mice (Pol))

(PENICILLIN, effects,

on exper. influenza, pulm. changes in mice (Pol))

(STREPTOMYCIN, effects  
same)

SOBIS, H.; SZADOWSKA, A.; POLAKOWSKI, P.

Effect of calcium pantothenate and vitamin C on pulmonary changes  
in mice infected with the influenza virus. Acta physiol.polon.  
11 no.5/6:883-884 '60.

1. Z Zakladu Anatomii Patologicznej A.M. w Lodzi, Kierownik: prof.  
dr A.Pruszczynski. Z Zakladu Farmakologii A.M. w Lodzi, Kierownik:  
prof.dr E.Leyko.

(PANTOTHENIC ACID pharmacol)

(VITAMIN C pharmacol)

(INFLUENZA exper)

DARZYNKIEWICZ-CZERNIK, Daniela; POLAKOWSKI, Przedzislaw; SZADOWSKA, Anna

Pharmacological properties of certain thiazoline derivatives.  
Med.dosw.mikrob. 12 no.3:301-309 '60.

1. Z Zakladu Farmakologii A.M. w Lodzi Kierownik Zakladu: prof.  
dr nauk med. E.Leyko.  
(THIAZOLES pharmacol)

SOBIS, Halina; SZADOWSKA, Anna; POLAKOWSKI, Przedzislaw

Effect of vitamin C and calcium pantothenate on pulmonary changes  
in mice infected with influenza viruses. Med.dosw.mikrob. 12 no.4:  
397-404 '60.

1. Z Zakladu Anatomii Patologicznej A.M. w Lodzi, Kierownik: prof.  
dr med. A.Pruszcynski i z Zakladu Farmakologii A.M. w Lodzi,  
Kierownik: prof. dr nauk med. E.Leyko.

(INFLUENZA exper)

(VITAMIN C pharmacol)

(PANTOTHENIC ACID pharmacol)

SZADOWSKA, Anna

Pharmacological action of the galenicals and flavonoids isolated from  
Helichrysum arenarium. Acta pol. pharm. 19 no.6:465-479 '62.

1. Z Katedry i Zakladu Farmakologii Akademii Medycznej w Lodzi  
Kierownik: prof. dr nauk med. E. Leyko.  
(PLANTS, MEDICINAL) (GLYCOSIDES) (BIOFLAVONOIDS)

SZADOWSKA, Anna; CIBORSKA, Halina; DARZYNKIEWICZ-CZERNIK, Daniela

Pharmacological properties of some new esters of diphenylacetic acid. Acta Pol. pharm. 21 no.6:509-518 '64

1. Z Katedry i Zakladu Farmakologii Akademii Medycznej w Lodzi (p.o. kierownika Zakladu: dr. med. A. Szadowska; kurator Katedry: prof. dr. med. W. Musial).

WOJTKIEWICZ, Wincenty; SZADOWSKI, Jerzy

Studies on the possibility of using 2-methylnaphthalene in  
the synthesis of dyes. Chemia stosow 3 no. 1:7'-27 '64.

1. Department of Technology of Dyes, Technical University,  
Lodz.

WOJTYKIEWICZ, Wincenty; SZADOWSKI, Jarzy

Studies on the possibility of using 2-methylnaphthalene in  
the production of dyestuffs. Pt. 2, Chemia stosow 8 no. 2;  
233-247 '64.

1, Department of Technology of Dyestuffs. Technical University,  
Lodz.

~~Wojciechowicz~~, Wincenty; SZADOWSKI, Jerzy

Studies on the possibility of utilizing 2-Methylnaphthalene  
in the synthesis of dyes. Pt. 3. Chemia Stosow A 8 no.3:295-  
303 '64.

I. Department of Dyes of the Lodz Technical University.

SZADKOWSKI, Kazimierz

Problems concerning water and soil pollution with petroleum  
products. Wiad naft 10 no. 6:142-143 Je '64.

SZADKOWSKI, Zbigniew, mgr inż.,

New products of the Elester Electric Apparatus Works. Wiad  
elektrotechn 32 no.5/6:152-154 My-Je '64.

KORNBERG, Ignacy; SZADUJKIS, Halina; ZYWIOL, Stanislaw

Pneumatosis cystoides intestinorum. Polskie arch. med. wewn.  
31 no.4:569-575 '61.

1. Z II Kliniki Chorob Wewnetrznych Studium Doskonalenia Lekarzy  
AM w Warszawie Kierownik: Doc. dr med. E. Ruzyllo z Pracowni  
Anatomii Patologicznej Szpitala Miejskiego Nr 8 w Warszawie  
Kierownik: lek. H. Szadujkis.

(INTESTINES dis)

PARADYSTAL, Tadeusz; SZADUJKIS, Halina

Sarcomas of skeletal muscles. Chir. narzad. ruchu ortop. pol.  
28 no.1:69-77 '63.

1. Z Oddzialu Ortopedyczno-Urazowego Szpitala Miejskiego Nr 8  
w Warszawie Ordynator: prof. dr Z. Ambros Z Pracowni Anatomo-  
patologicznej Szpitala Miejskiego Nr 8 w Warszawie Kierownik:  
lek. H. Szadujkis.

(MUSCULAR DISEASES) (SARCOMA)  
(SURGERY, OPERATIVE)

LATYNsKA-KOWNACKA, Ewa; MAY, Jozef; SZADUJKIS-LINCEL, Halina

A case of tuberculous endocarditis. Gruzlica 30 no. 7:661-666  
'62.

l. Z Oddzialu V Ordynatora dr med. J. May i z Pracowni  
Anatomopatologicznej Kierownik: dr med. M. Afek-Kaminska  
Miejskiego Szpitala Zakaznego Nr 1 w Warszawie.  
(TUBERCULOSIS, CARDIOVASCULAR) (ENDOCARDIUM)

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comparison of various drugs (Pol))

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were obtained with tins and acid parchment paper impregnated with  
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AG

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SOV/25-59-5-19/56

AUTHOR: Szafer, Władysław (Kraków)

TITLE: Safeguarding National Resources

PERIODICAL: Nauka i zhizn', 1959, No. 5, pp 28-31 (USSR)

ABSTRACT: The author is an active member of the Polish AS, holder of the Chair of Botany at Jagiełło University of Kraków; Director of the Institute of the Preservation of Nature (in Poland). He describes the interest taken in preservation of nature in Poland since 1423. In modern Poland, 8 National Parks were created in 1926 and in 1949, a Council of 30 members for the Protection of Nature was set up. At present, there are 9 National Parks totalling 80,000 hectares and 231 reservations of 18,000 hectares. The last park to be opened (Kampinoski, near Warsaw), opened in January 1959, covers 40,000 hectares. In this park, 134 species of plants, 386 animals and insects are protected. There are 5 photographs and 1 drawing.

ASSOCIATION: Chair of Botany, Jagiełło University, Kraków.

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metastasis to humerus)  
(HUMERUS, neoplasms,  
metastatic from carcinoma of stomach)

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